



# Illinois Department of Transportation

Office of the Secretary  
2300 South Dirksen Parkway / Springfield, Illinois / 62764  
Telephone 217/782-5597

EI-833

April 1, 2004

Ms. Jo Carole Dawkins  
Dawkins Environmental Consulting  
P.O. Box 845  
Springville, Alabama 35146

Dear Ms. Dawkins:

We have received a letter from Ms. Victoria Rutson of the Surface Transportation Board dated March 12, 2004 regarding STB Finance Docket No. 34435, Ameren Energy Generating Company - Construction and Operation - between Coffeen and Walshville, Illinois. We have been asked to respond to you as the Board's Section of Environmental Analysis' independent, third-party consultant.

We have obtained information about the potential environmental impact that may result from the proposed construction of a rail line between the Ameren Coffeen Power Plant and the Union Pacific/Burlington Northern Santa Fe Railroads. We conducted an environmental analysis using database information for natural and cultural resources, and we have also completed an historical review for hazardous waste.

Please note that we are providing GIS database information only. The following analysis is not a result of field studies, scientific testing or detailed wetland delineations. The Illinois Department of Natural Resources' Wetland Impact Review Tool database was checked for federal and state-listed endangered or threatened species, Illinois natural areas, nature preserves, and land and water reserves. In addition, national wetland inventory maps were reviewed to identify wetlands that may be affected by the project (see attachment). The result of this analysis indicates that both proposed Routes A and B will impact a number of acres of various types of wetlands. Although there is one record for the state-threatened river otter near proposed Route A, it was recently delisted. The database had no other records of listed species, natural areas or nature preserves within the project areas. See the attachment for other cover types (resources such as woodlands and agriculture) that would be affected.

Approximately 85 percent of the project area is at a low probability for archaeological sites. The areas around Coffeen Lake, Bearcat Creek, Shoal Creek and Lake Fork have the potential to yield significant archaeological sites, and any disturbance to these areas would require field surveys. After field studies have been completed, coordination with the Illinois State Historic Officer would be required.


Ms. Jo Carole Dawkins  
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The Illinois State Geological Survey (ISGS) conducted an historical review for the proposed rail line routes. Please refer to the attached ISGS report for specific site information. Proposed Route A includes two landfill sites, one pipeline site, one EPA regulated facilities site, one hazardous waste handler site, and one LUST/UST/BOL/IEMA incident site (see attached for definitions). Route B includes one pipeline site, and Route C has one LUST/UST/BOL/IEMA incident site, two landfills (one closed), and two pipeline sites. It is recommended that further testing be conducted if grading or excavation is anticipated at any of these sites.

In addition to the above information, please note that the project would require a U.S. Army Corp of Engineers' Individual 404 Permit. Other permits may be necessary. The project should be coordinated with the Illinois Department of Agriculture and the Illinois Department of Natural Resources.

If you have any questions regarding this material, please contact Barbara Stevens, Bureau of Design and Environment, at the above address or telephone her at (217) 785-4245.

Sincerely,



Timothy W. Martin  
Secretary

Enclosures

cc: Victoria Rutson - STB

Hazardous Waste Handler sites are listed on the USEPA Facility Registry System.

LUST/UST/BOL/IEMA incidents are listed on the IEPA LUST database, Bureau of Land database, and Illinois Emergency Management Agency database.

LUST – Leaking Underground Storage Site

UST – Underground Storage Site

BOL – Bureau of Land

IEMA – Illinois Emergency Management Agency



## Illinois State Geological Survey

Natural Resources Building, 615 East Peabody Drive,  
Champaign, Illinois 61820-6964  
217/333-4747 - FAX 217/244-7004 - TTY 217/244-6677



March 25, 2004

Attention: Environment Section  
Michael Hine  
Bureau of Design and Environment, IDOT  
2300 Dirksen Parkway  
Springfield, IL 62764

Dear Mr Hine,

Information in this letter pertains to the following project:

Project name:	Ameren Coffeen Power Plant
Counties:	Montgomery/Bond
Job No.:	NA
ISGS Project:	NA
Project Due Date:	March 25, 2004

This letter report is submitted in response to your request, received by the ISGS on March 23, 2004 to conduct a *historical review only* for three proposed rail line routes (designated A, B, and C) in Montgomery and Bond Counties (see Attachment 1). **This letter contains the findings of the historical search and will constitute the Final Report for this project, unless the ISGS is otherwise notified. No site reconnaissance visits, personal interviews with local residents or city officials, IEPA file reviews, or field testing were conducted specifically for this project, and the information included in this letter is the result of records research and telephone conversations exclusively.** As per our phone conversation, the search was limited to the vicinity of the proposed routes and not the entire circled area in the original submittal. Railroad ROW is present within the project limits.

### Man-Made Hazards

Aerial photographs indicate that current land use is a mix of agricultural and industrial. Potential sites of concern will be discussed as they would be encountered from west to east. The attached Appendix A specifies which resources were consulted in this historical search. Refer to Attachment 1 for an illustration of the project location and Attachment 2 for an illustration of site locations. Sanborn maps of the project area were not available. The most recent versions of the OSFM's UST database, IEPA's LUST database, and USEPA's CERCLIS database utilized for this report were dated January 5, 2004, March 19, 2004, and February 19, 2004, respectively.

### Proposed Route "A" sites

**Site 1. EPA regulated facilities site: Country Grain Elevators, Inc. (Route 127, Donnellson).** This site is listed on the USEPA Facility Registry System (Registry ID #110007056247) as having reported releases of hazardous air pollutants [latitude: 39.046111 longitude: -89.502778].

**Site 2. Landfill/Special Waste site: Carrol Wright (R.R. 1).** This site appears on GIS coverages near the intersection of Proposed Route A and IL 127 and is identified as a landfill and special waste site (IEPA # 1358050001). However, no further information could be found on the IEPA's website regarding this site.

**Site 3. Pipeline site.** This pipeline appears on GIS coverages as crossing the proposed project in the southeast quarter of Section 13, T7N, R4W. This pipeline is currently listed on an ISGS Oil and Gas Industry in Illinois Map as an 8-inch natural gas pipeline, however, the historical contents of this pipeline could not be ascertained.

**Site 4. Hazardous Waste Handler: Propellex Corp. (Hwy 127 S, Donnellson).** This site is listed on the USEPA Facility Registry System (Registry ID #110007544069) [latitude: 39.035537 longitude: -89.476192].

**Site 5. Landfill/BOL/IEMA Incident/TRI site: CIPS landfill (134 CIPS Lane).** This site appears on the most recent IEPA BOL database (BOL # 1358030005). IEMA incident database (IEMA nos. 840360, 20021489, 20021474).

**Site 6. LUST/UST/BOL/IEMA incident/TRI/Surface impoundment/Underground Injection control site: Ameren Central Illinois Public Service Co. (CIPS) Power Station, (R.R. 1, P.O. Box 306).** This site appears in the most recent IEPA LUST database under the name CIPS Coffeen Power Station (incident #901393); BOL database (BOL # 0431205094), IEMA incident database (IEMA # 19940800) under the name CIPS Facility RR#1, TRI database (USEPA ID # ILD 000667212) and the National Response Center database (report #235040). This site also appears on the most recent OSFM UST database (OSFM # 5021520) as Coffeen Power Station as having two USTs, one with a status of closed and one with a status of exempt. In addition, ash disposal ponds in the southwest quarter of Section 11, T7N, R3W are shown on topographic maps from 1974. A county collection article documented that these ponds were used to mix fly ash with water from abandoned underground mines in the vicinity of the plant and then inject the resulting slurry back into the same area of the mine.

#### Proposed Route "B" Sites

**Site 7. Pipeline site.** This pipeline appears on GIS coverages as crossing the proposed project in the northwest quarter of Section 32, T7N, R4W. This pipeline is currently listed on an ISGS Oil and Gas Industry in Illinois Map as a 2-inch natural gas pipeline, however, the historical contents of this pipeline could not be ascertained.

#### Proposed Route "C" Sites

**Site 6. LUST/UST/BOL/IEMA incident/TRI/Surface Impoundment/Underground injection control site: Ameren Central Illinois Public Service Co. (CIPS) Power Station, (R.R. 1, P.O. Box 306).** This site appears in the most recent IEPA LUST database under the name CIPS Coffeen Power Station (incident #901393); BOL database (BOL # 0431205094), IEMA incident database (IEMA # 19940800) under the name CIPS Facility RR#1, TRI database (USEPA ID # ILD

000667212) and the National Response Center database (report #235040). This site also appears on the most recent OSFM UST database (OSFM # 5021520) as Coffeen Power Station as having two USTs, one with a status of closed and one with a status of exempt. In addition, ash disposal ponds in the southwest quarter of Section 11, T7N, R3W are shown on topographic maps from 1974. A county collection article documented that these ponds were used to mix fly ash with water from abandoned underground mines in the vicinity of the plant and then inject the resulting slurry back into the same area of the mine.

**Site 8. Landfill/BOL site: Consolidation Coal Co. (T7N, R3W, Section 2).** This site appears on GIS landfill coverages and on the BOL database (IEPA #1358030004).

**Site 9. Landfill/BOL site: White & Brewer Trucking (500 North Rd.).** This site appears on GIS landfill coverages with a status of "Closed Final Cover" and on the BOL database (IEPA #1358030006).

**Site 10. Pipeline site.** This pipeline appears on GIS coverages as crossing the proposed project in the southeast quarter of Section 12, T6N, R3W. This pipeline is currently listed on an ISGS Oil and Gas Industry in Illinois Map as a 10-inch petroleum pipeline owned by Marathon Pipeline Co.

**Site 11. Pipeline site.** This pipeline appears on GIS coverages as crossing the proposed project in the northwest quarter of Section 13, T6N, R3W. This set of pipelines is currently listed on an ISGS Oil and Gas Industry in Illinois Map as an 8-inch and 10-inch petroleum pipeline owned by Shell Oil Co.

#### **Other potential man-made hazards**

The following sites had unresolved or incomplete addresses and may or may not be relevant to the proposed project.

**Former UST site: Hillsboro Mine/Coffeen Power Plant (RR 1, Donnellson).** This site appears on the OSFM UST list (OSFM # 5004966) as having four USTs all with a status of removed.

**Spill site.** This site is listed on the IEMA database as "Oil spill into Coffeen Lake" (IEMA # 770177). No location information was available.

**Possible UST site: Laurence Group, Inc. (NWc Rt. 127 & Co. Rd. 18).** This site appears on the OSFM UST list in Donnellson, IL (OSFM # 6030515) as having a status of exempt. However, the number of USTs or their contents were not listed.

**LUST site: Carter & Grimsley Attorney at Law (Route 127, Donnellson).** This LUST site is listed as having releases of gasoline and diesel fuel on the IEPA LUST list (IEPA # 970567; LPC # 1354365001).

**BOL site: US Minerals LLC (796 CIPS Trl.)** This site appears on the BOL database (IEPA # 1350155005).

**Former UST site: Fillmore Grain Co. (Box 158 Rt. 127).** This site appears on the OSFM UST list in Donnellson (OSFM # 5004966) as having three USTs all with a status of removed.

**Archived CERCLIS site: Illegal Dump Shoal Creek (Northeast 530 T7N Rte. 4 West; near Sorento).** This site occurs on the Archived CERCLIS sites list under the name Illegal Dump Shoal Creek (USEPA # ILD981952526).

**SRP site: Norfolk & Western Railway Co. (1900N 1.5 miles east of CR 9), Sorento, IL.**

### Natural Hazards

**Wetlands.** According to National Wetlands Inventory maps, wetlands intersect all of the proposed routes. These wetlands are located where these routes intersect the East Branch Lake Fork of Shoal Creek, Shoal Creek, Bearcat Creek or any of their tributaries. These wetland maps were defined primarily by aerial photographs, which may reflect conditions specific to the year or season that the photography was completed. Therefore, wetlands may be either overstated or missing entirely.

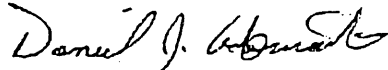
**Floodplains.** According to Flood Insurance Rate Maps, the project area crosses a 100-year floodplain of Shoal Creek, Bearcat Creek, and where it intersects any of their tributaries that cross the project area. Flooding, standing water, and saturated soils may be encountered in these areas, particularly during periods of high or extended rainfall or spring snowmelt.

**Mining.** Illinois Coal Mine Maps of Montgomery County indicate that extensive underground coal mining has taken place in the project area along all three of the project routes. These maps indicate that at least nine different coal mines operated in area. Their names and locations are as follows: Shoal Creek Coal Co. (T7N, R4W, Section 22); Truax Trauer Coal Co. (T7N, R3W, Section 14); Consolidation Coal Co., Midwest Division (T7N, R3W, Section 14); Clover Leaf Coal Co. (T7N, R3W, Section 3); Coffeen Coal Company (T7N, R3W, Section 3); Cosgrove-Meehan Coal Co. (T7N, R3W, Section 3); Northern Illinois Coal & Supply (T7N, R4W, Section 31); Sorento Coal Co. (T7N, R4W, Section 31); Illinois Collieries Co. (T7N, R4W, Section 31). These mines each worked the Herrin coal seam by the room-and-pillar method and the area may be subject to subsidence.

**Seismic risk.** According to the 2000 International Building Code, the project is located in an area where the peak horizontal ground accelerations on bedrock (expressed as a percentage of the gravitational acceleration, g) that have a 2% probability of being exceeded in 50 years are between 20% and 120% g. These accelerations are from the June 1996 USGS probability map that incorporates the earthquake magnitudes and rates of return from historical events and expected maximum magnitudes from all known fault zones and background events for the general geologic setting. These accelerations on bedrock may be modified by the soils and be greater on the ground surface.

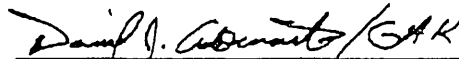
This letter serves as the final report for this project. If you need further information concerning this project, please contact me at the telephone number or e-mail address below.

Sincerely,



Daniel J. Adomaitis  
Environmental Site Assessments Section  
217-244-8872  
adomaitis@isgs.uiuc.edu

Approved:

  
Greg Kientop

Date: 3-25-04



## INFORMATION SOURCES

### Lists, Databases, and Publications

- Bannon-Nilles, P.L., Ousley, J.R., Krick, M., and Raymond, L. (October 1999). A directory of Illinois libraries: Historical resources for environmental site assessments. Illinois State Geological Survey Open File Series 1999-8.
- Erdmann, A.L., Bauer, R.A., Bannon, P.L., and Schneider, N.P. (1996). A manual for conducting preliminary environmental site assessments for Illinois Department of Transportation highway projects. Illinois State Geological Survey Open File Series 1996-5.
- Illinois Department of Natural Resources (1997). Landfill sites of Illinois.\*
- Illinois Department of Transportation. Illinois airport directory 2002-2003 website.
- Illinois Environmental Protection Agency, Bureau of Land (September 17, 2003). Inventory.
- Illinois Environmental Protection Agency, Bureau of Land (compiled January 2001). Former manufactured gas sites list. December 22, 1997 and January 10, 2001.
- Illinois Environmental Protection Agency, Bureau of Land (December 8, 2003). Site remediation program sites database website.
- Illinois Environmental Protection Agency, Bureau of Land (January 1, 2003). State underground injection control inventory, 1984-January 2003.
- Illinois Environmental Protection Agency, Bureau of Water, Division of Public Water Supplies, Groundwater Quality Protection Program. Hazard review report.
- Illinois Environmental Protection Agency, Bureau of Water, Division of Public Water Supplies (April 2003). Restricted Status List-Public Water Supplies.
- Illinois Environmental Protection Agency, Bureau of Water (July 2002). Illinois water quality report 2002. IEPA/BOW/00-005.
- Illinois Environmental Protection Agency (March 19, 2004). Leaking underground storage tank (LUST) database website.
- Illinois Environmental Protection Agency, Office of Chemical Safety (compiled January 2003). Incident database, 1972-January 2003.
- Illinois State Geological Survey and The Ultimate Software Consultants (TUSC). QUESTOR database.

- Illinois State Museum (1992). Historical hazardous substance database.
- Manufacturers' News, Inc. (1941-2001). Illinois manufacturers directories.
- Manufacturers' News, Inc. (1980-2001). Illinois services directories.
- National Response Center (compiled February 2003). National response center database, 1987-2002.
- Office of the State Fire Marshal (January 5, 2004). Underground storage tank (UST) list.
- Shineldecker, C.L. (1992). Handbook of environmental contaminants: A guide for site assessment. Lewis Publishers, Inc., Chelsea, MI.
- U.S. Environmental Protection Agency (compiled January 2002). Biennial reporting system (BRS) database, 1989-1997.
- U.S. Environmental Protection Agency (July 1999). Civil docket (DOCKET) database.
- U.S. Environmental Protection Agency (November 26, 2003). Illinois Brownfields pilot sites website.
- U.S. Environmental Protection Agency (compiled January 2002). Resource conservation and recovery information system (RCRIS) database.
- U.S. Environmental Protection Agency, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database (November 19, 2003). Web sites: <http://cfpub.epa.gov/supercpad/cursites/srchsites.cfm> (CERCLIS and NPL sites), and <http://cfpub.epa.gov/supercpad/arcsites/srchsites.cfm> (Archived sites).
- U.S. Environmental Protection Agency (compiled February 2003). Toxics release inventory, 1987-2000, updated on March 31, 2002.
- U.S. Fish and Wildlife Service, Illinois Department of Natural Resources, and Illinois Natural History Survey (1996). Illinois wetlands inventory.\*
- Warren, J.L., et al. (compiled January 2000). Generation and management of hazardous waste in Illinois during 1986. Waste Management and Research Center, HWRIC RR-059. June 1992.
- Waste Management and Research Center (1989). On-site special waste sites (GIS dataset).
- Waste Management and Research Center (1989). Special waste handlers (GIS dataset).
- Waste Management and Research Center (compiled January 2000). Special waste sites. 1989.
- Waste Management and Research Center (1989). Surface impoundment areas (GIS dataset).

\* This resource is a GIS dataset published by the Illinois Department of Natural Resources in April 1994, and updated in 1996.

### Maps

DeLorme Mapping (2000). Street atlas USA version 8.0. Street map.

Federal Emergency Management Agency, National Flood Insurance Program (January 9, 1981). Flood insurance rate map (FIRM). City or Unincorporated area panel #s 1709920008 and 9, Montgomery and Bond Counties, Illinois.

Fehrenbacher, J.B., Jansen, I.J., and Olson, K.R. (1986). Total loess thickness in Illinois [map], in Loess thickness and its effect on soils of Illinois. U.S. Department of Agriculture, Illinois Agricultural Experiment Station in cooperation with Natural Resources Conservation Service, Bulletin 782.

Meents, Wayne F. (1977), ISGS, Oil & Gas Industry in Illinois Map, 1:500,000.

U.S. Geological Survey (June 1996). Peak acceleration with 2% probability of exceedance in 50 years (seismic risk map).

U.S. Geological Survey (1993). Topographic map, 1:24,000 (7.5-minute) series: Elmhurst Quadrangle.

Weibel, C.P. and Panno, S.V. (1997). Karst terrains and carbonate rocks of Illinois [map], in Karst regions of Illinois. Illinois State Geological Survey Open File Series 1997-2.

### Aerial Photographs

Markhurd Corporation  
U. S. Department of Agriculture

IL 483 Line 32-36 (1993 and 1988)  
2JJ-247, 248; 3 JJ-92, 93 (1968)  
4R-13-16, 19, 20, 113, 118; 5R-19-23 (1956)  
6G-83-87, 167-170 (1950)

## APPENDIX A

## ISGS PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

IDOT: NA  
 County: Montgomery/Bond  
 Cities Checked: Coffeen, Donnellson, Panama, Sorento  
 Location Coordinates: See attachment 1  
 IDOT District Contact: Debbra Mahra  
 Name: (217) 785-6068  
 Phone: (217) 785-6068

ISGS: NA

Length: NA  
 ISGS Lead: Dan Adomeitis

Task	Status*	Date	By
Original Material Copied	MF	8/25/03	DJA
USGS Topographic Map(s) • Current • Historical	MF MF	3/24/04 3/24/04	DJA DJA
DeLorme Mapping Street Atlas USA: 2001	MF	3/24/04	DJA
Street Atlas Locational Database (All other projects in the vicinity of the project) • Other Preliminary Environmental Site Assessments (PESA) • Maintenance Facilities • Preliminary Site Investigations/Phase II Reports (PSI) • Environmental Impact Statements (EIS) • Permit-Access Agreements (PAA) • Draft Highway Authority Agreements (DHAA)/Highway Authority Agreements (HAA) • Miscellaneous sites (MISC)	NF NF NF NF MF MF NF	3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04	DJA DJA DJA DJA DJA DJA DJA
Geologic Information • ISGS Stack Unit Map (GIS): 1995 • ISGS Bedrock Topography of Illinois (GIS): 1994 • ISGS Glacial Drift in Illinois (GIS): 1994 • ISGS Geologic Map of Illinois (GIS): 1996 • Fehrenbacher Total Loess Thickness Map: 1986 • Related Geologic Publications ( <a href="http://www.isgs.uiuc.edu">http://www.isgs.uiuc.edu</a> ) • NIPC Stack Unit Map: 1976 • Willman Surficial Geology of Chicago Region Map: 1971 • USDA NRCS Soil Survey/Draft Soil Maps/GIS data • USDA NRCS Hydric Soils List: 2001, current as of October, 2002 • USDA NRCS Prime Farmland Soils List: 1986, current as of October, 2002	NA NA NA NA NA NA NA NA NA NA NA	3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04	DJA DJA DJA DJA DJA DJA DJA DJA DJA DJA DJA
Hydrogeologic Information • IEPA Restricted Status List • ISGS QUESTOR Database/ISGS Well Logs • ISWS Public Water Supply Surface Water Intakes in Illinois (GIS) • USGS-IEPA SWAP ArcIMS Mapping Tool • USGS-IEPA SWAP Fact Sheets • Berg Potential for Aquifer Contamination Map: 1987 • Keefer Potential for Aquifer Recharge Map: 1990	NA NA NA NA NA NA NA	3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04	DJA DJA DJA DJA DJA DJA DJA
IEPA Well Site Survey Report(s)	NF	3/24/04	GAK
IEPA Hazard Review Reports	NF	3/24/04	GAK
IEPA Illinois Water Quality Report 2002: 7/02	NA	3/24/04	GAK
Sanborn Fire Insurance Maps • Chadwyck-Healey Inc. ( <a href="http://sanborn.uml.com">sanborn.uml.com</a> ) • University Publications of America	NF NF	3/24/04 3/24/03	GAK GAK
Rockford Map Publishers Plat Maps	MF	3/24/04	DJA
IEPA Site Remediation Program Database ( <a href="http://srp.epa.state.il.us/search.asp">http://srp.epa.state.il.us/search.asp</a> ): 12/8/03	MF	3/24/04	GAK
IEPA LUST Database ( <a href="http://ust.epa.state.il.us/search.asp">http://ust.epa.state.il.us/search.asp</a> ): 3/19/04	MF	3/24/04	GAK

Task	Status*	Date	By
OSFM UST List: 1/5/04	MF	3/24/04	GAK
OSFM file Information Request • Sent • Received	NA NA	3/24/04	DJA
USEPA CERCLIS (including NPL) and Archived CERCLIS databases (USEPA website): 11/19/03	MF	3/24/04	GAK
IEPA Bureau of Land Inventory: 9/17/03	MF	3/24/04	GAK
IEPA file Information Request • Sent • Received	NA NA	3/24/04	DJA
Landfill and Disposal Sites • DNR Landfills (GIS): 1997 • WMRC Surface Impoundment Areas (GIS): 1989	MF NF	3/24/04 3/24/04	DJA DJA
IEPA State Underground Injection Control Inventory (1984-January 2003): 1/1/03	NF	3/24/04	DJA
RCRA and Miscellaneous Sites • Summary of USEPA RCRA Sites Lists: compiled 1/02 • Summary of WMRC RCRA and Miscellaneous Sites Lists: compiled 1/00 • WMRC On-Site Special Waste Sites (GIS): 1989 • WMRC Special Waste Handlers (GIS): 1989	MF MF NF NF	3/24/04 3/24/04 3/24/04 3/24/04	DJA DJA DJA DJA
USEPA Brownfields Pilot Sites List ( <a href="http://www.epa.gov/swerosps/bf/pilot.htm">http://www.epa.gov/swerosps/bf/pilot.htm</a> ): 11/26/03	NF	3/24/04	GAK
USEPA Civil Docket (DOCKET) Database: 7/99	NF	3/24/04	GAK
Summary of Former Manufactured Gas Plant Sites Lists: compiled 1/01	NF	3/24/04	GAK
Spills Databases • IEPA OCS Incident Database (1972 to 2003): compiled 1/03 • NRC Database (1989-2002): compiled 2/03 • USEPA Toxics Release Inventory (1987-2000, updated 3/31/2002): compiled 2/03	MF MF MF	3/24/04 3/24/04 3/24/04	DJA GAK GAK
IEPA Hazardous Material Spills Information Request • Sent • Received	NA NA	3/24/04	DJA
Railroad Information • ICC Contacted re: Railroad Spills	NA	3/23/04	DJA
IDOT Illinois Airport Directory 2002-2003 ( <a href="http://www.dot.state.il.us/aero/airportdirectry.html">http://www.dot.state.il.us/aero/airportdirectry.html</a> ):	NF	3/24/04	DJA
Mining Maps and Publications • ISGS Active and Abandoned Coal Mines in Illinois (GIS): 1991 and 1997 • ISGS Non-Coal Underground Mines in Illinois: 1996 • ISGS Directory of Coal Mines in Illinois • ISGS Mine and Field Notes • ISGS Non-Coal Mine Inventory • ISGS Works Progress Administration Map(s) • Nawrot Abandoned Mined Lands Reclamation: 6/82	MF MF MF MF MF MF MF	3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04 3/24/04	DJA DJA DJA DJA DJA DJA DJA
USGS Seismic Risk Map: 1996	NF	3/24/04	DJA
FEMA Flood Insurance Rate/Flood Hazard Boundary Map	MF	3/24/04	GAK
County Collection	MF	3/24/04	GAK
Aerial Photographs	MF	3/25/04	DJA

Task	Status*	Date	By
<i>Local Historical Resources</i>			
• AIMHS Historical Society and Museum List (1993-94): (optional)	NA	3/24/04	DJA
• City Directories	NA	3/24/04	DJA
• Library Resources Information: 10/99 (optional)	NA	3/24/04	DJA
<i>Oil and Gas Information</i>			
• ISGS Oil and Gas Facilities in Illinois (GIS): 1984	NF	3/24/04	DJA
• ISGS Oil and Gas Fields in Illinois (GIS): 1984	NF	3/24/04	DJA
• ISGS Oil and Gas Pipelines in Illinois (GIS): 1984	NF	3/24/04	DJA
• ISGS Oil and Gas Wells in Illinois (GIS): 1995	NF	3/24/04	DJA
ISGS Landslide Inventory of Illinois (GIS): 1995	NF	3/24/04	DJA
Welbel Karst Terrains and Carbonate Rocks of Illinois Map: 1997	NF	3/24/04	DJA
USFWS, IDNR, and INHS Illinois Wetlands Inventory (GIS): 1996	MF	3/24/04	GAK
<i>Business Directories</i>			
• Manufacturers' News Illinois Manufacturers Directories (1941-2001)	MF	3/24/04	DJA
• Manufacturers' News Illinois Services Directories (1990-2001)	MF	3/24/04	DJA
• Industry/Hazardous Materials Check	NF	3/24/04	DJA

\* MF = Material found for cities checked; NF = Nothing found for cities checked; NA = Not applicable; N/A = Not available

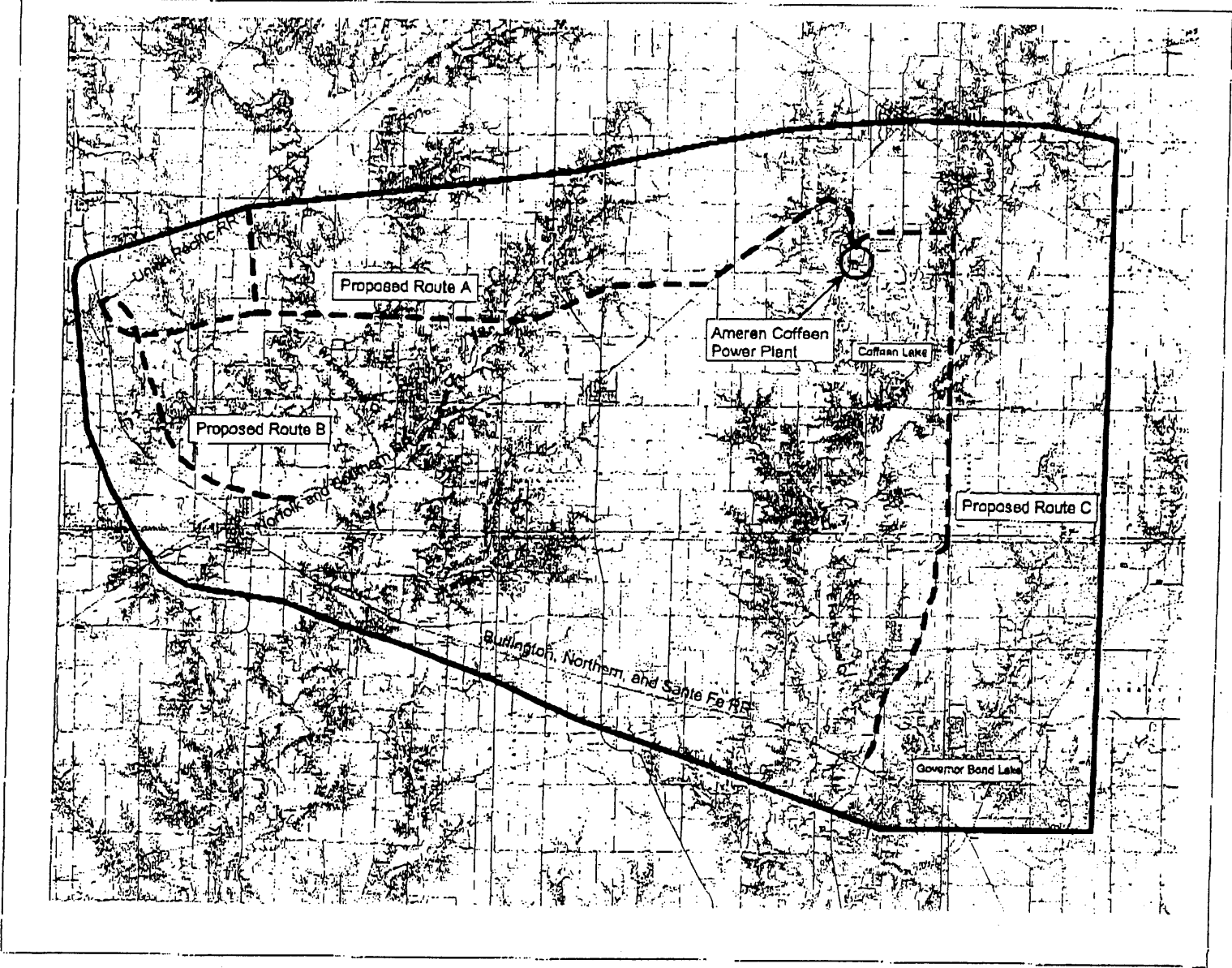
Historical Survey Completed By: Greg Kientop/Dan Adomaitis

Date: March 25, 2004

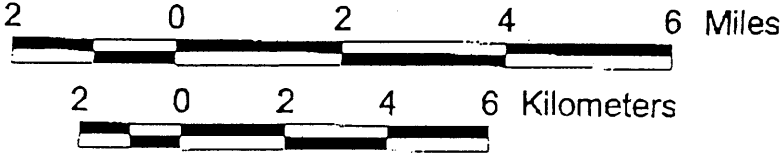
**LIST OF ATTACHMENTS**

1. Project location map.
2. Site location map.

Attachment 1: Project location map

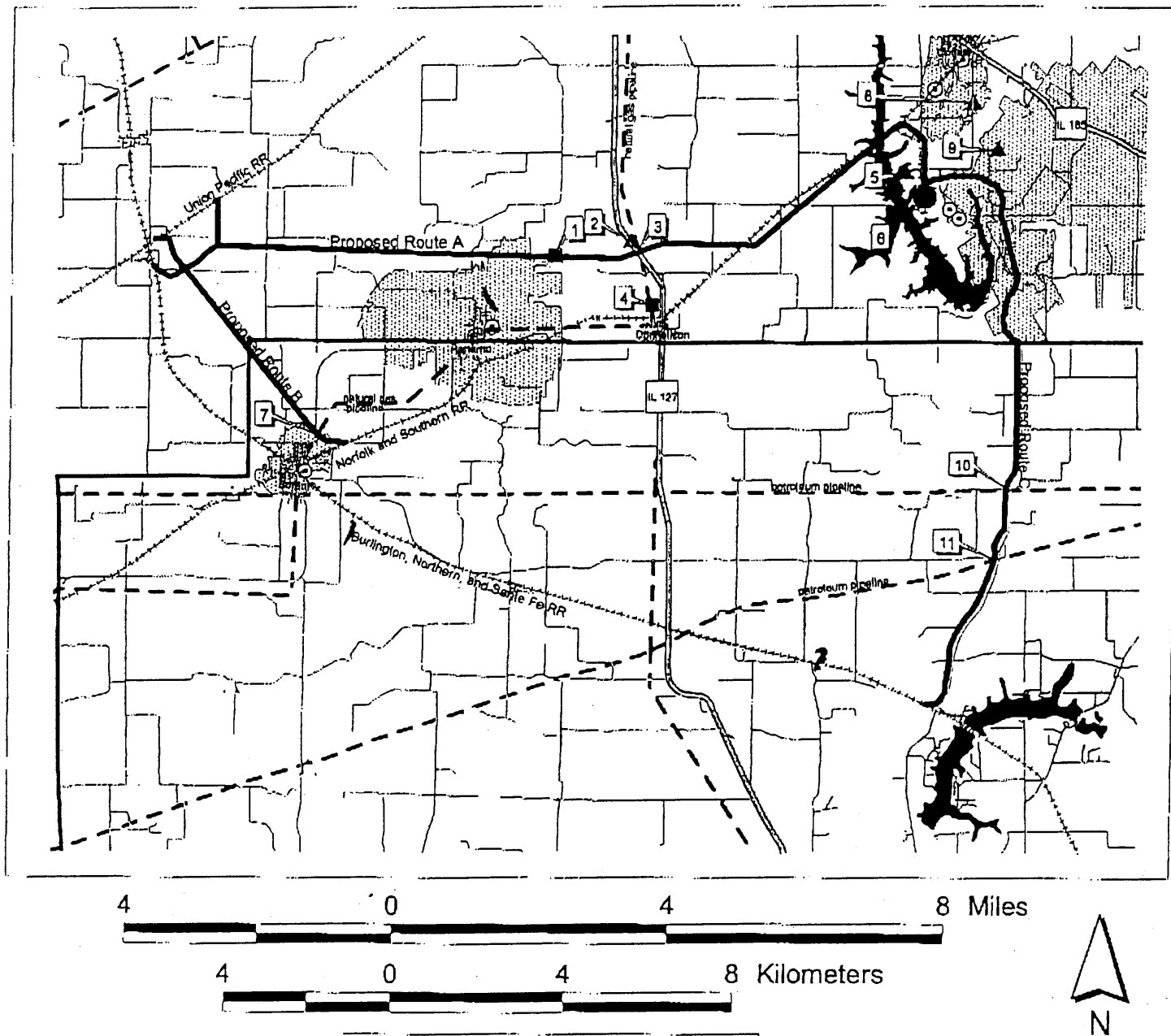


 Project Area





Attachment 2: Site location map



- EPA regulated facilities
- ▲ Landfills
- Proposed routes
- Local roads
- State Routes
- Railroads
- - - Pipelines
- ⊙ Coal Mine Shafts
- ▨ Mined out areas

Key to wetland codes as shown on the NWI maps

PUBGh	-	Palustrine unconsolidated bottom, intermittently exposed, diked/impounded
PUBGx	-	Palustrine unconsolidated bottom, intermittently exposed, excavated
PUBFh	-	Palustrine unconsolidated bottom, semipermanently flooded, diked/impounded
R2UBH	-	Riverine, lower perennial, unconsolidated bottom, permanently flooded
R2USA	-	Riverine, lower perennial, unconsolidated shore, temporarily flooded
PFO1A	-	Palustrine, forested, broad-leaved deciduous, temporarily flooded
PFO1C	-	Palustrine, forested, broad-leaved deciduous, seasonally flooded
PEMA	-	Palustrine, emergent, temporarily flooded
PEMC	-	Palustrine, emergent, seasonally flooded
PEMFx	-	Palustrine, emergent, semipermanently flooded, excavated
PSS1A	-	Palustrine, scrub-shrub, broad-leaved deciduous, temporarily flooded

Resources checked on the Wetland Impact Review Tool

Endangered/Threatened Species

National Wetland Inventory

Natural Area Inventory

Nature Preserves/Land and Water Reserves

There was one record for a listed species that is shown on Shoal Creek. The record is for the river otter, which was recently delisted. The database had no other records of listed species, natural areas or nature preserves in the project corridor.

Rte A #1

## Wetland Impact Review Tool

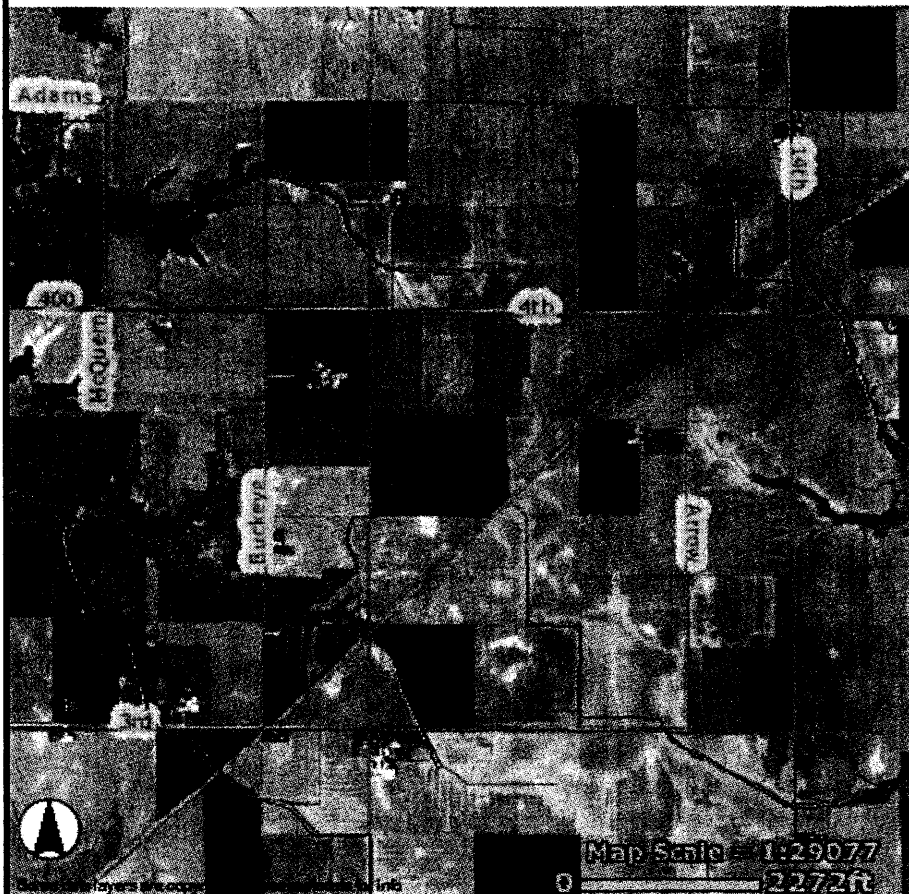


- Endangered/Threatened Species
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Rte A

#2

## Wetland Impact Review Tool

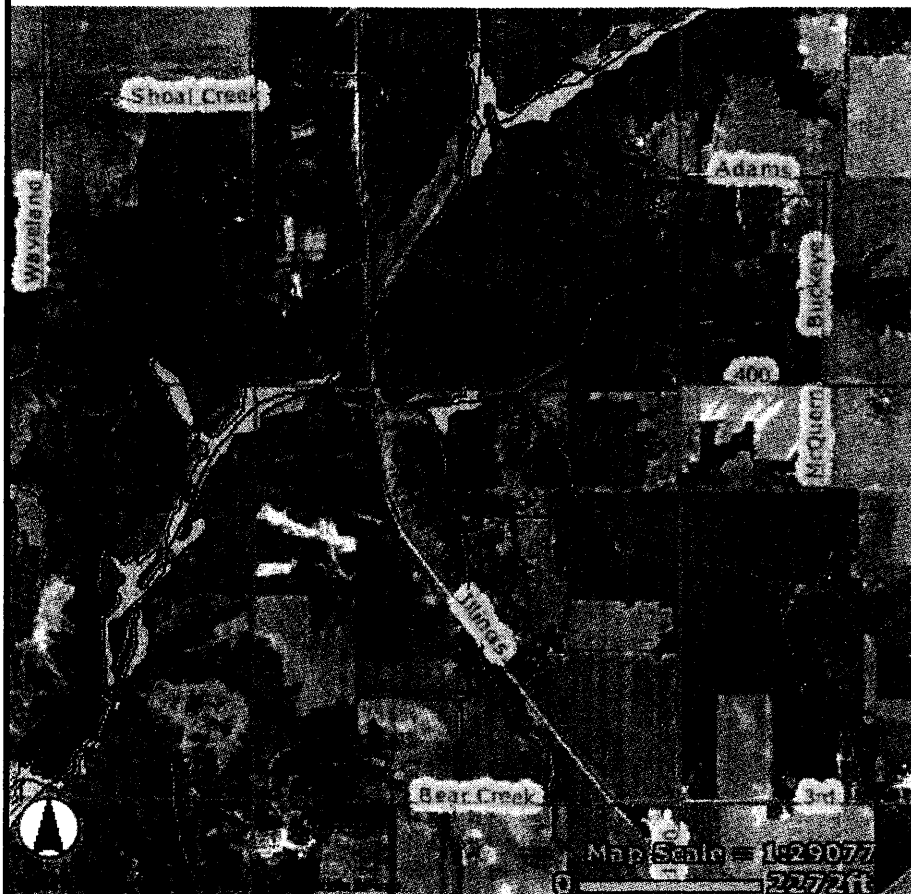


- ☐ Endangered/Threatened Species
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Rt A

#3

## Wetland Impact Review Tool

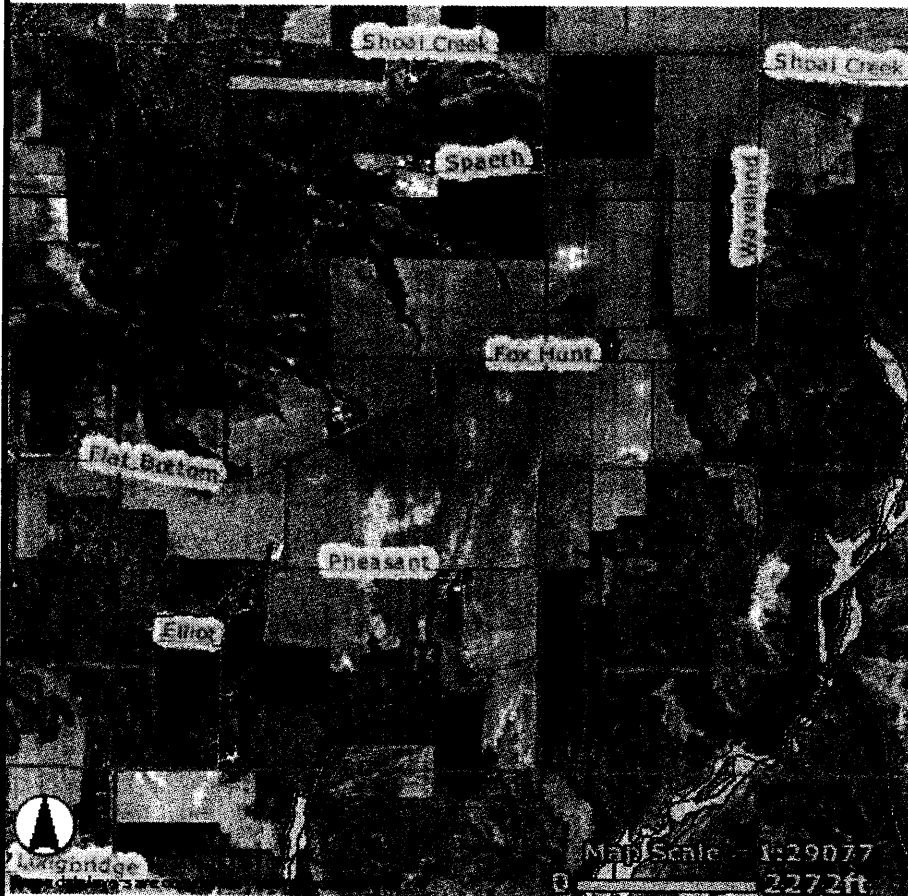
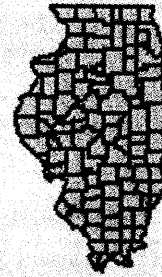


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Rte A

#4

## Wetland Impact Review Tool

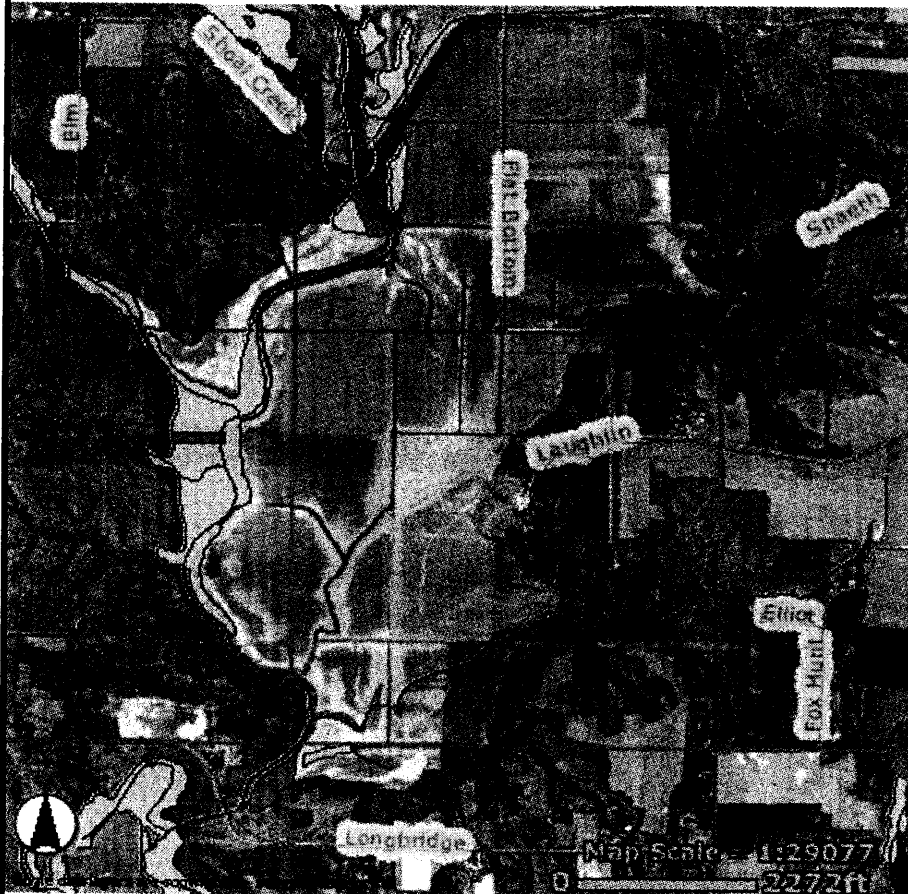
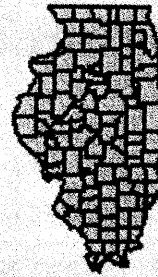


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Rte A

#5

## Wetland Impact Review Tool



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Rte A

#6

## Wetland Impact Review Tool



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Rte A

#7

## Wetland Impact Review Tool

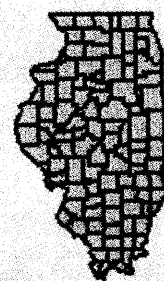


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Rt. B

#8

## Wetland Impact Review Tool

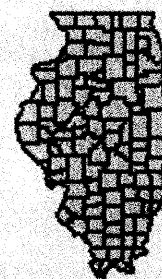


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Rte B

#9

## Wetland Impact Review Tool

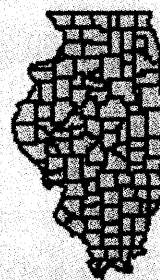


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Rte. B

#10

## Wetland Impact Review Tool



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